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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

LOUIS LIPPINCOTT, ET AL.

Application No.: 10/750,075

Filed: December 31, 2003

For: **Motion Estimation Sum Of All Differences  
(SAD) Array Having Reduced  
Semiconductor Die Area Consumption**

Art Group: 2614

Examiner: Unassigned

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

It is hereby stated that no item of information contained in the Information Disclosure Statement was cited in a patent office in a counterpart application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual associated with the filing or prosecution of the subject application more than three months prior to the filing of the Information Disclosure Statement.

The references were cited in a Search Report dated May 10, 2005 (copy enclosed herewith) in a counterpart PCT application.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Date:

8/10/05

Respectfully submitted,

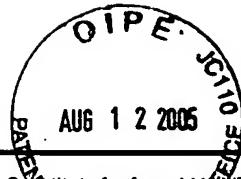
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Alma Goldchain* *8/10/05*  
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Substitute for form 144A/PTO

<p>Substitute for form 1441 (PTO)</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(use as many sheets as necessary)</i></p>				<p><i>Complete if Known</i></p>	
Sheet	1	of	2	Application Number	10/750,075
				Filing Date	December 31, 2003
				First Named Inventor	Louis Lippincott
				Art Unit	2614
				Examiner Name	Unassigned
				Attorney Docket Number	42P17498

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

***(use as many sheets as necessary)***

## Sheet

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**Complete if Known**

Application Number 10/750,075

**Filing Date** December 31, 2003

**First Named Inventor** **Louis Lippincott**

Art Unit 2614

Examiner Name Unassigned

Attorney Docket Number 42P17498

121 17 196

**U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered
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<sup>1</sup>Applicant's unique citation designation number (optional): See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04<sup>2</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>3</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>4</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible<sup>5</sup>Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet

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of

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**Complete if Known**

Application Number	10/750,075
Filing Date	December 31, 2003
First Named Inventor	Louis Lippincott
Art Unit	2614
Examiner Name	Unassigned
Attorney Docket Number	42P17498

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		PCT International Search Report, PCT/US2004/043669, Intel Corporation, 5/10/2005, 8 pages.	
		MOSHNYAGA, VASILY G., "An MSB Truncation Scheme for Low-Power Video Processors," Circuits and Systems, 1999. ISCAS '99. Proceedings of the 1999 IEEE International Symposium in Orlando, FL, USA, May 30 - June 2, 1999, IPiscataway, NJ, USA, IEEE, U.S. Vol. 4, 5/30/1999, pages 291-294, XP010341168, ISBN: 0-7803-5471-0.	
		HE, ZHONG-LI, et al., "Low Power Motion Estimation Design Using Adaptive Pixel Truncation," Proceedings of the 1997 International Symposium on Low Power Electronics and Design, August 18, 1997, pages 167-172, XP002325680, California, USA.	
		SU, C.-L., et al., "Motion Estimation Using MSD-First Processing," IEE Proceedings: Circuits Devices and Systems, Institution of Electrical Engineers, Stenvenage, GB, Vol. 150, No. 2, April 7, 2003, pages 124-133, XP006020012, ISSN: 1350-2409.	
		WUJIAN, ZHANG, et al., "A High -Throughput Systolic Array for Motion Estimation Using Adaptive Bit Resolution," ASIC, 2001. Proceedings. 4th International Conference on Oct. 23-25, 2001, Piscataway, NJ, USA, IEEE, October 23, 2001, pages 378-381, XP010576789, ISBN: 0-7803-6677-8.	
		POURREZA, H.R., et al., "Weighted Multiple Bit-Plane Matching, A Simple and Efficient Matching Criterion for Electronic Digital Image Stabilizer Application," Signal Processing, 2002 6th International Conference on Aug. 26-30, 2002, Piscataway, NJ, USA, IEEE, Vol. 2, August 26, 2002, pages 9576-960, XP010627688, ISBN: 0-7803-7488-6.	

Examiner  
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